

Quantitation Report (Qedit)

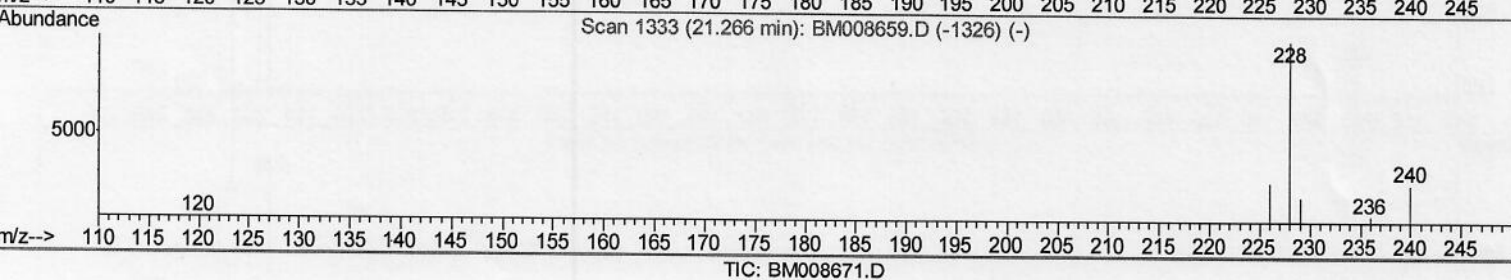
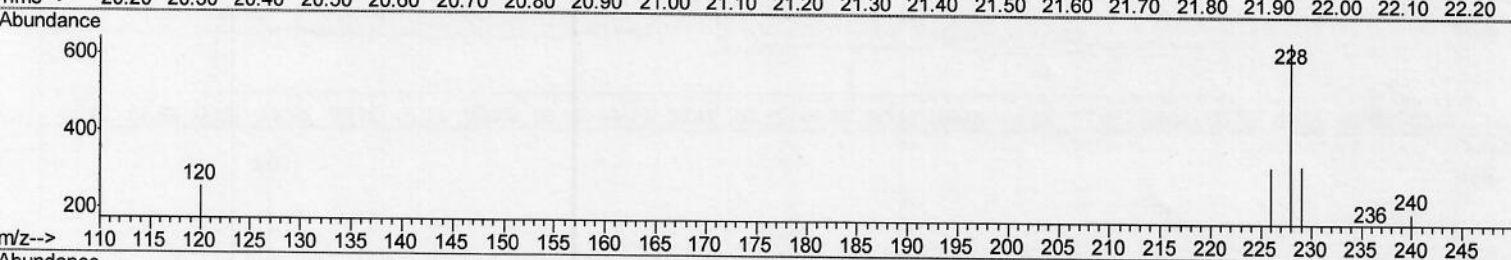
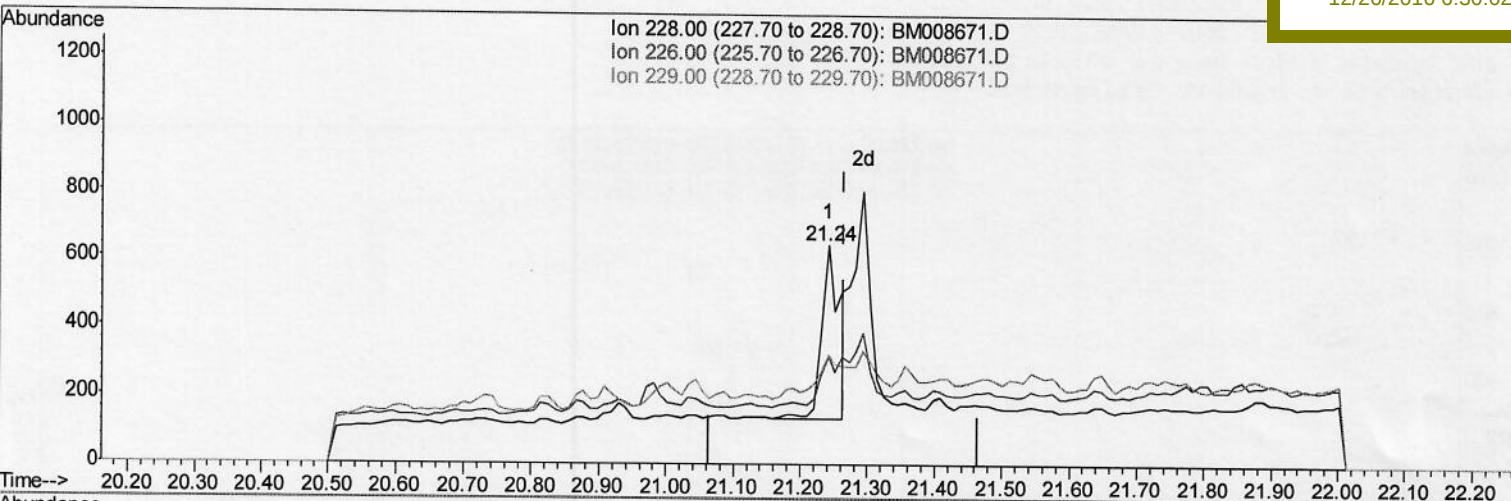
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM



(18) Benzo(a)anthracene

21.241min (-0.024) 0.22ng/ul

response 943

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	49.77#
229.00	21.30	50.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

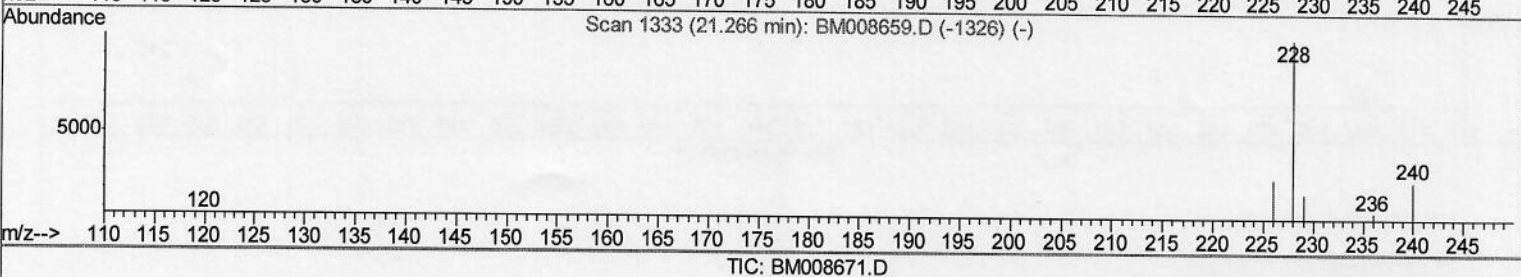
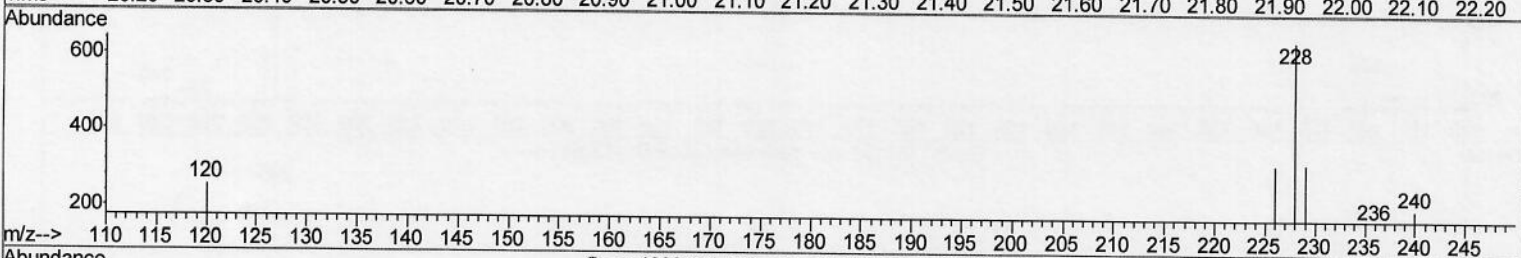
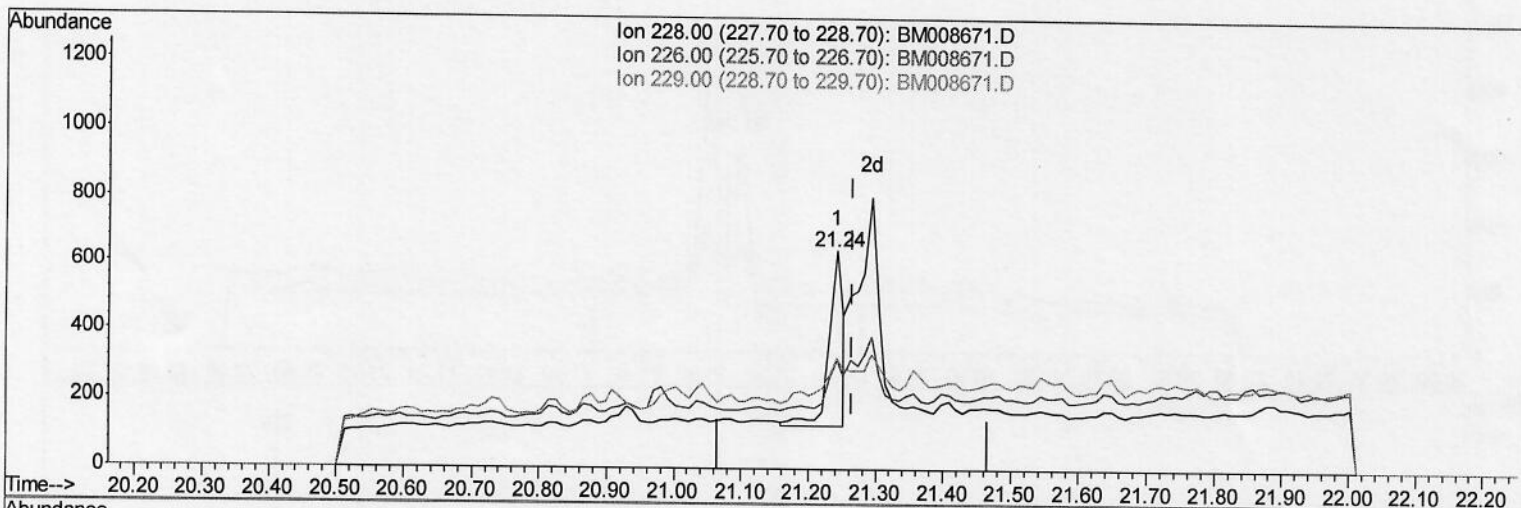
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA888DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.241min (-0.024) 0.18ng/ul m

response 780

Ion Exp% Act%

228.00 100 100

226.00 28.50 49.77#

229.00 21.30 50.23#

0.00 0.00 0.00

SJ
 12/27/2016

Quantitation Report (Qedit)

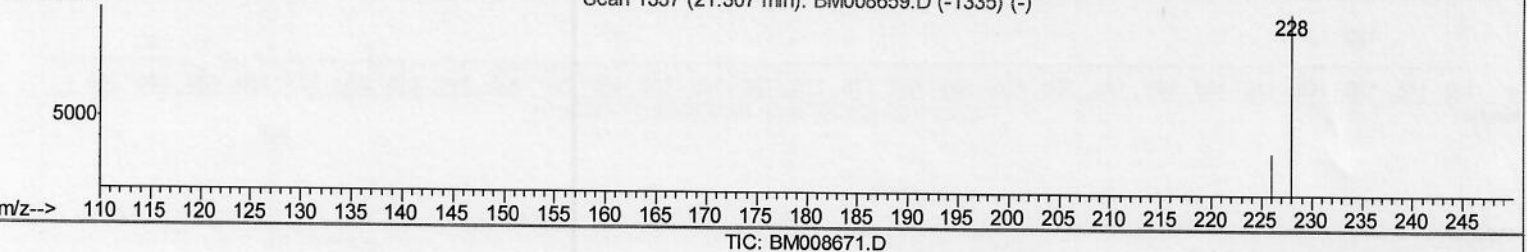
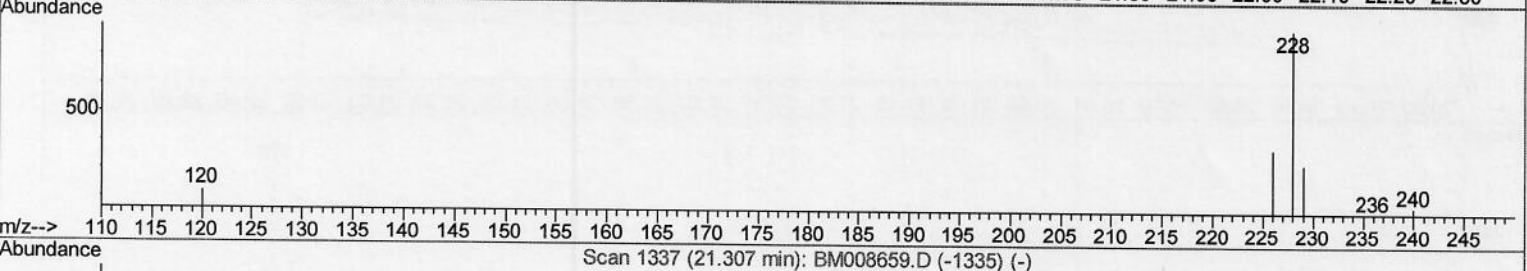
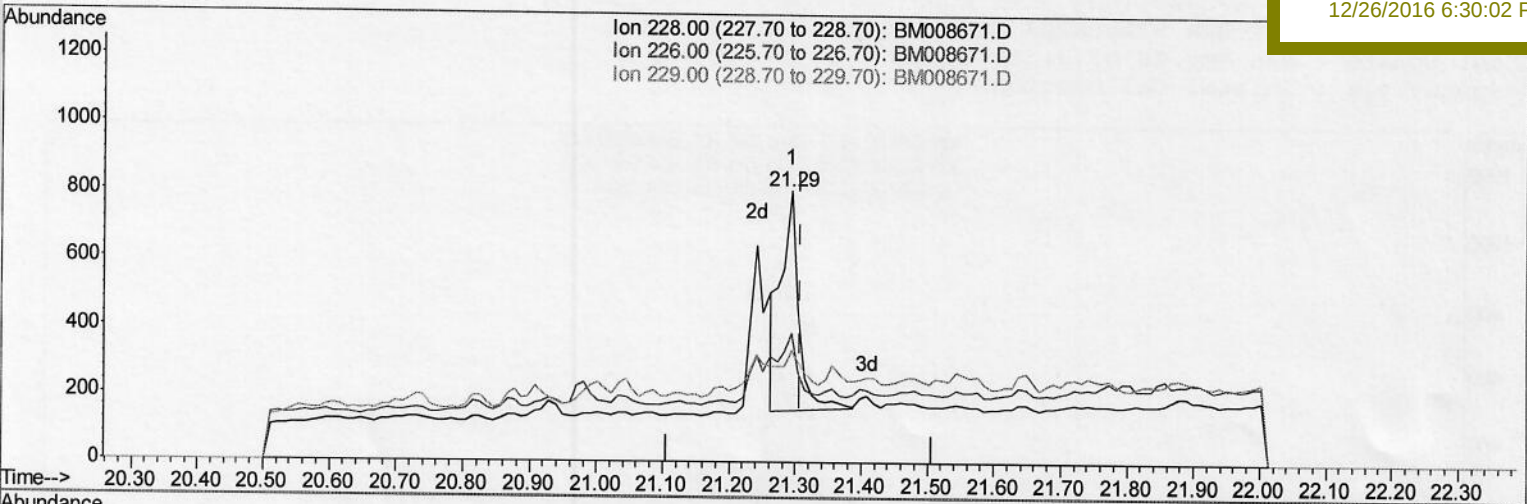
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA888DL

Manual Integrations
APPROVED

sohil
 12/26/2016 6:30:02 PM



(19) Chrysene

21.294min (-0.014) 0.26ng/ul

response 1257

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	47.71#
229.00	22.10	41.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

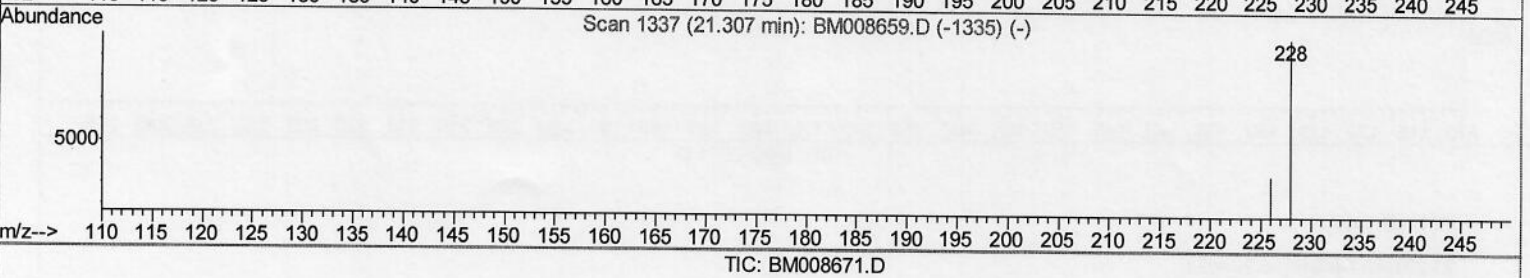
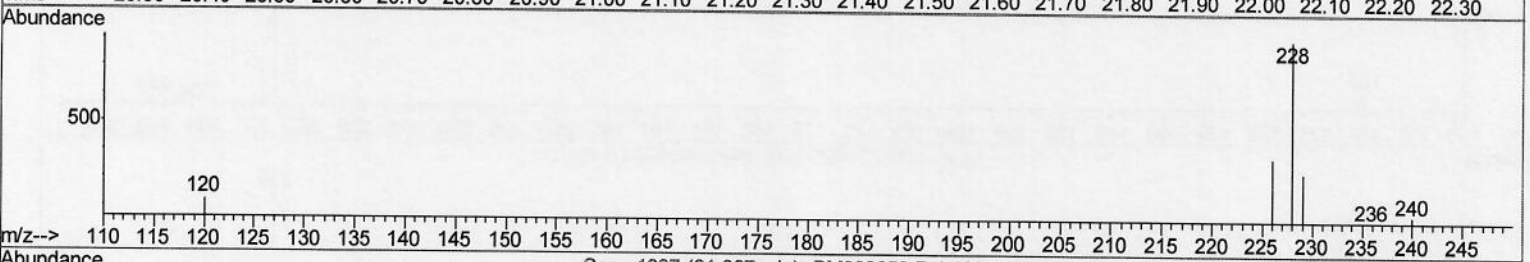
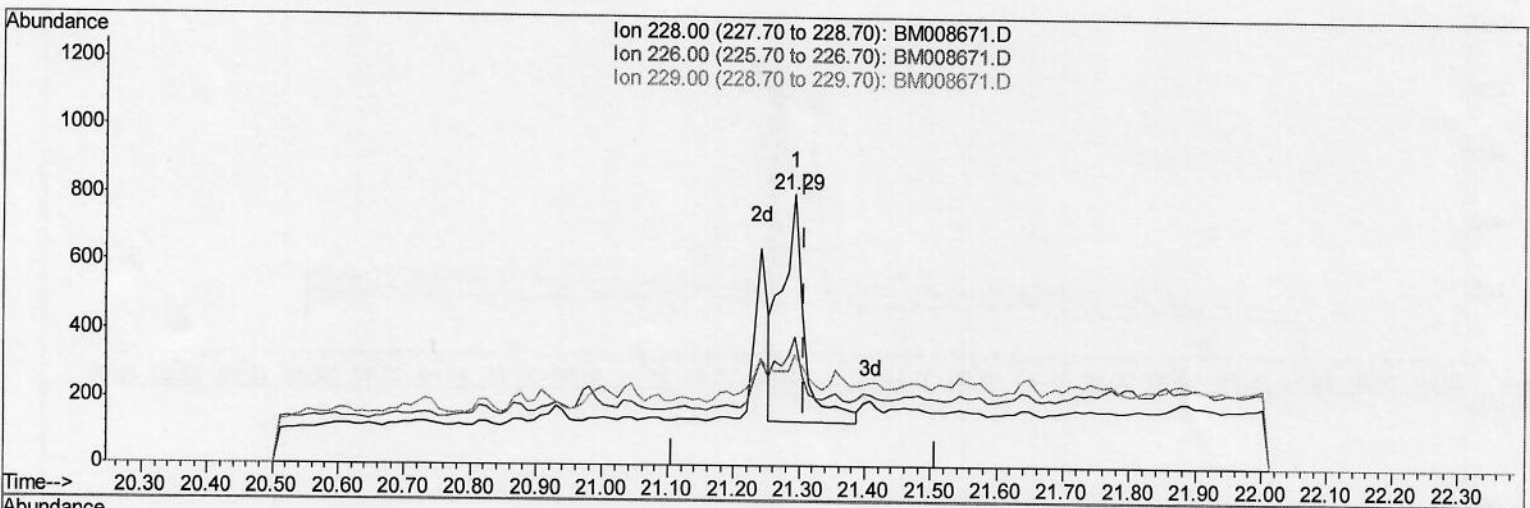
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration



TIC: BM008671.D

(19) Chrysene

21.294min (-0.014) 0.34ng/ul m *SJ*
 response 1643
 12/27/2016

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	47.71#
229.00	22.10	41.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

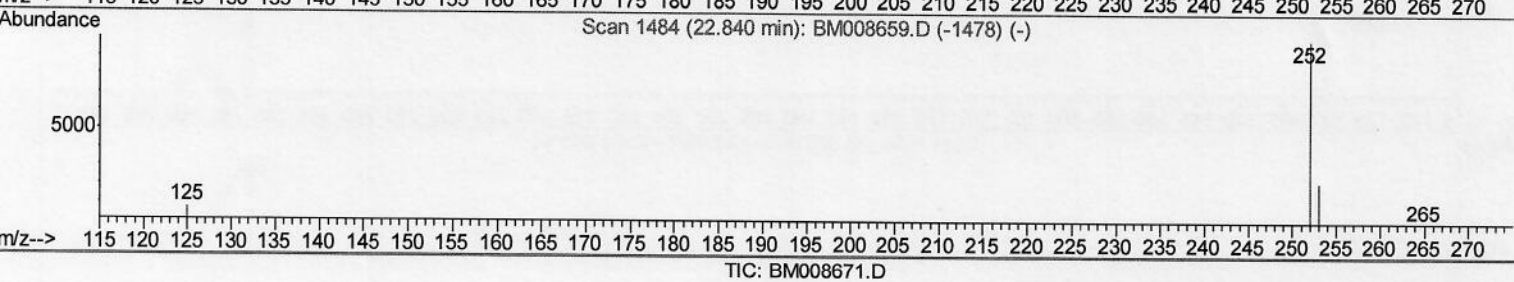
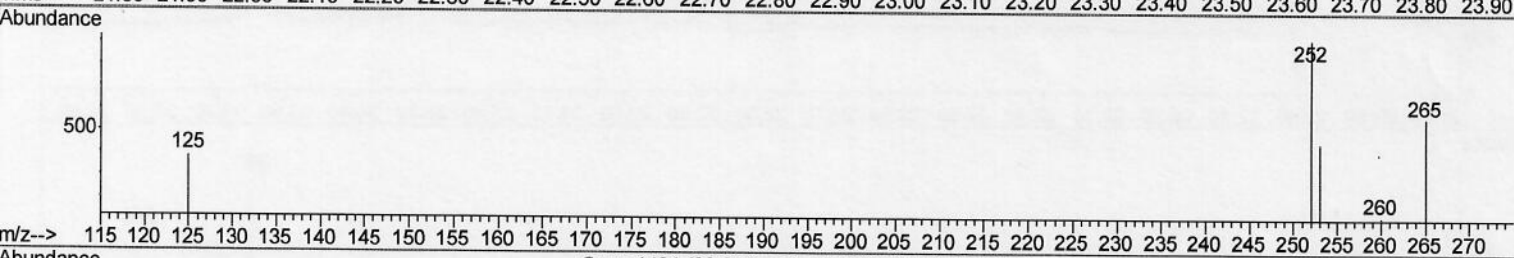
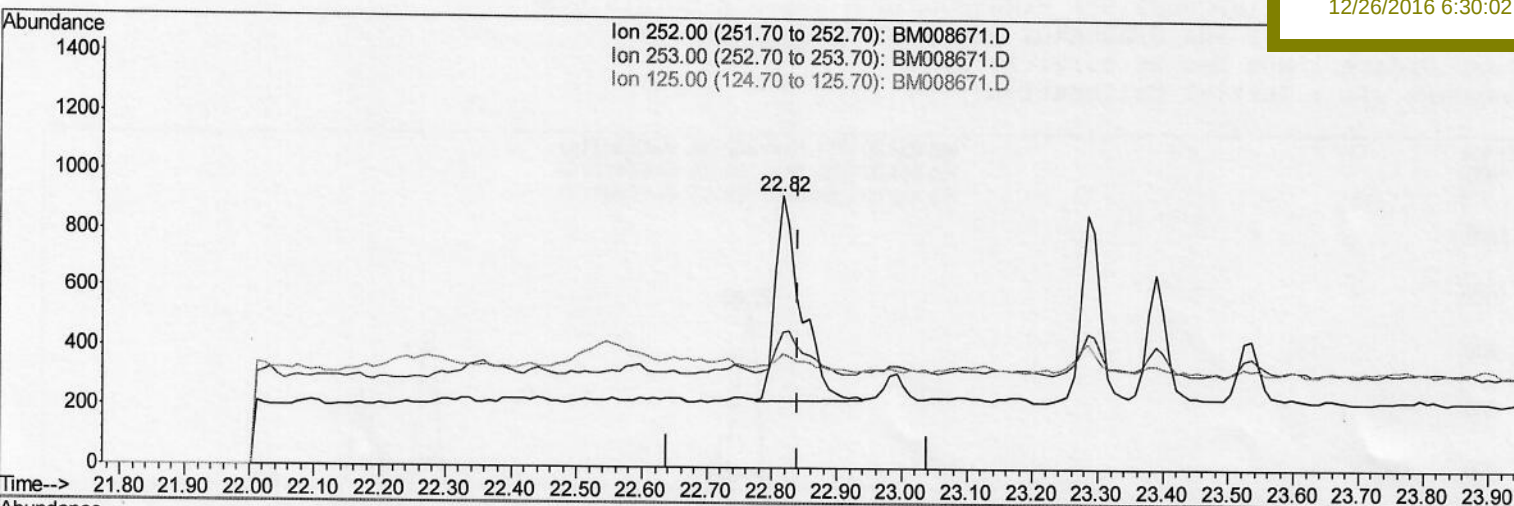
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008671.D
Acq On : 25 Dec 2016 14:55
Operator : UM/SJ
Sample : H5995-21DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA888DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:30:02 PM

Quant Time: Dec 26 03:30:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.815min (-0.024) 0.36ng/ul

response 1950

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	49.19
125.00	17.50	41.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

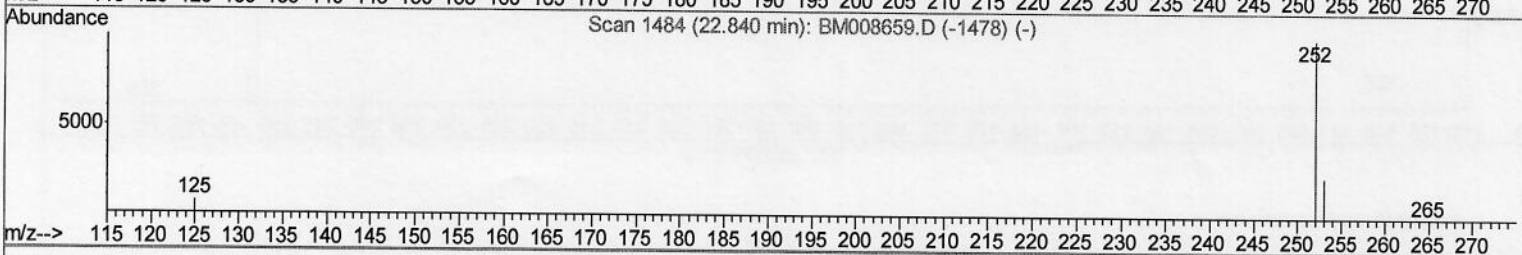
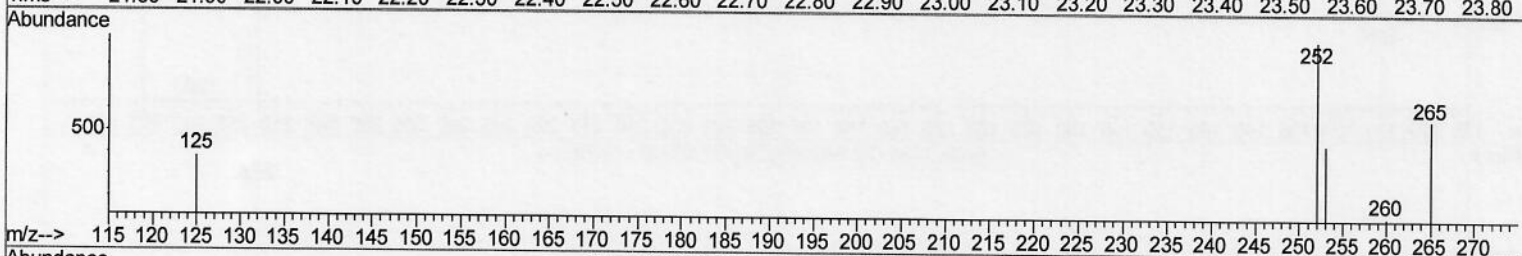
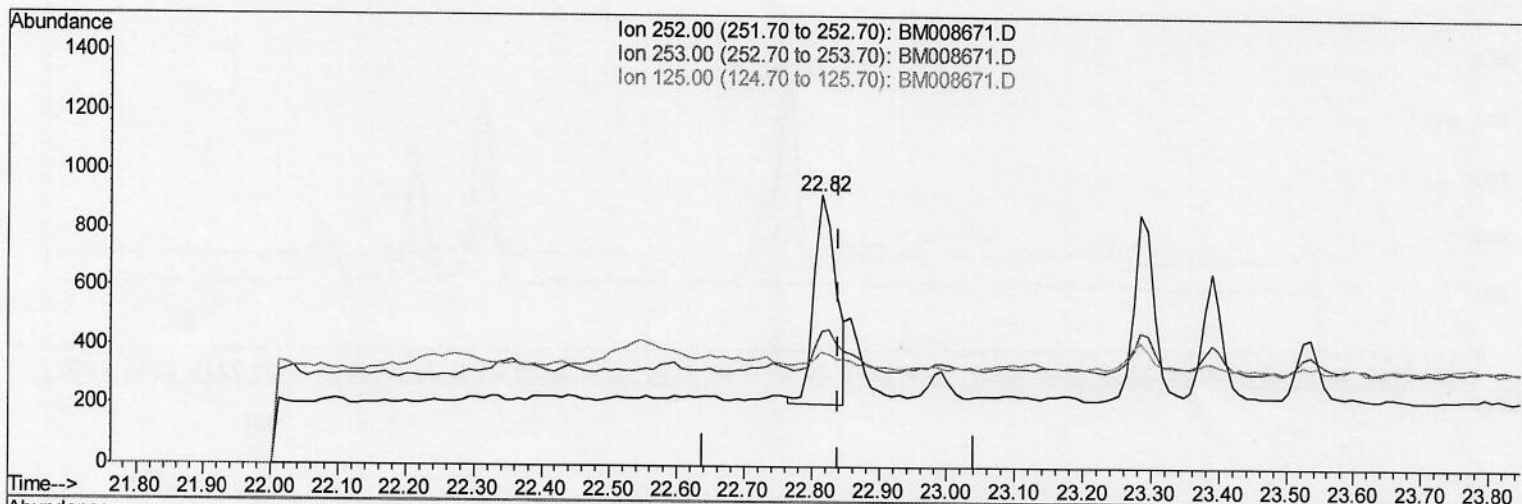
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration



TIC: BM008671.D

(21) Benzo(b)fluoranthene

22.815min (-0.024) 0.30ng/ul m

response 1621

Ion Exp% Act%

252.00 100 100

253.00 32.10 49.19

125.00 17.50 41.30#

0.00 0.00 0.00

S.J.
 12/27/2016

Quantitation Report (Qedit)

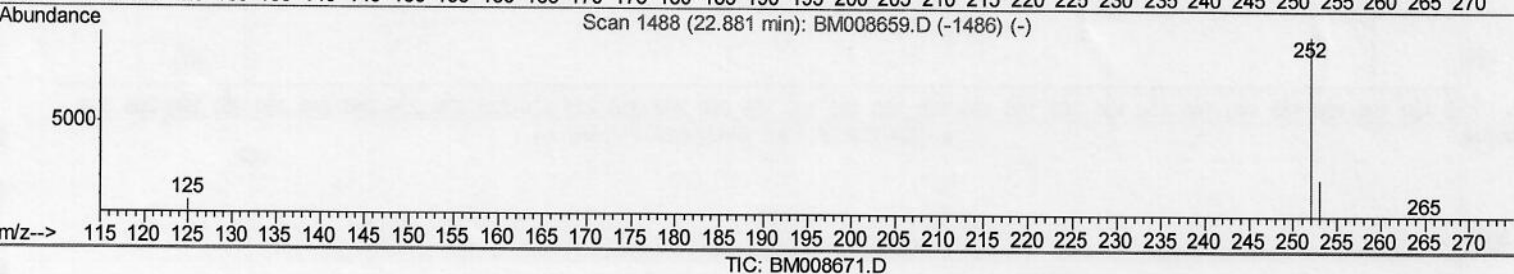
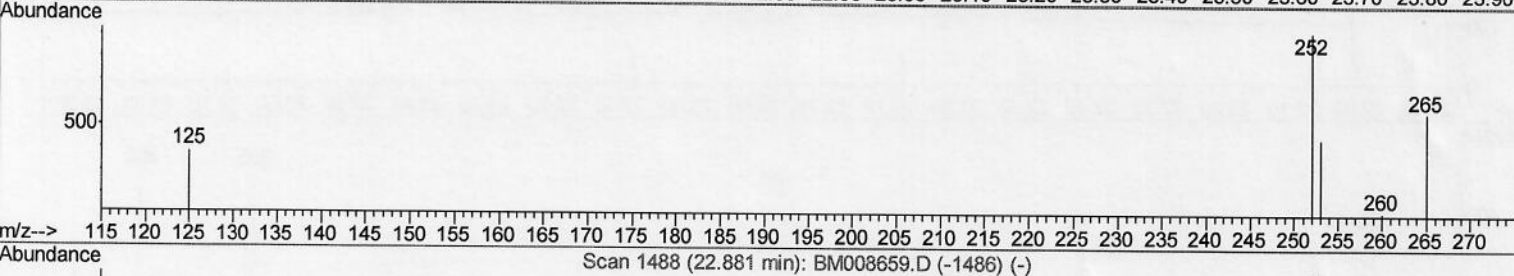
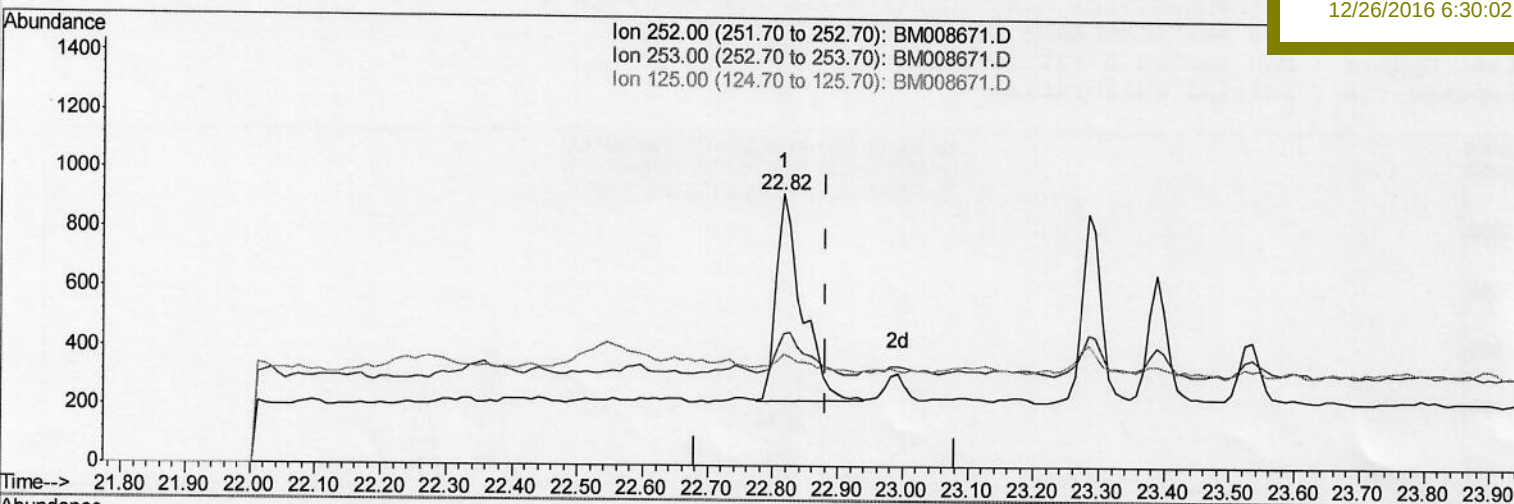
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM



(22) Benzo(k)fluoranthene

22.815min (-0.066) 0.37ng/ul

response 1945

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	49.19#
125.00	17.10	41.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

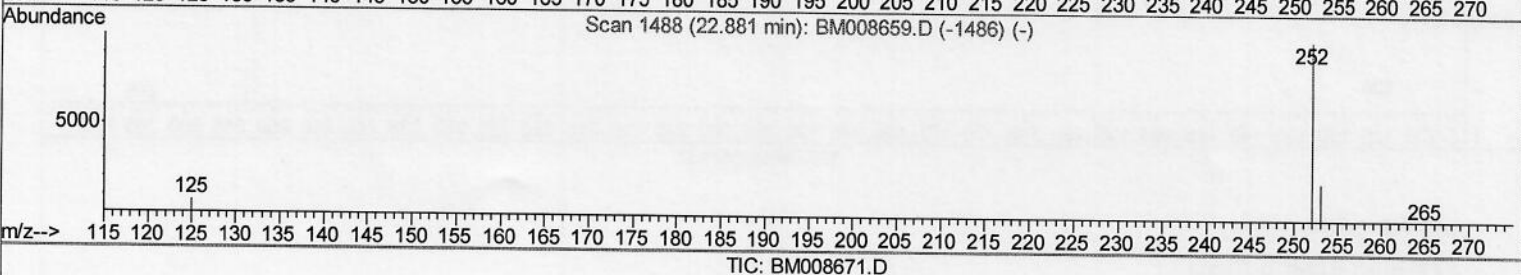
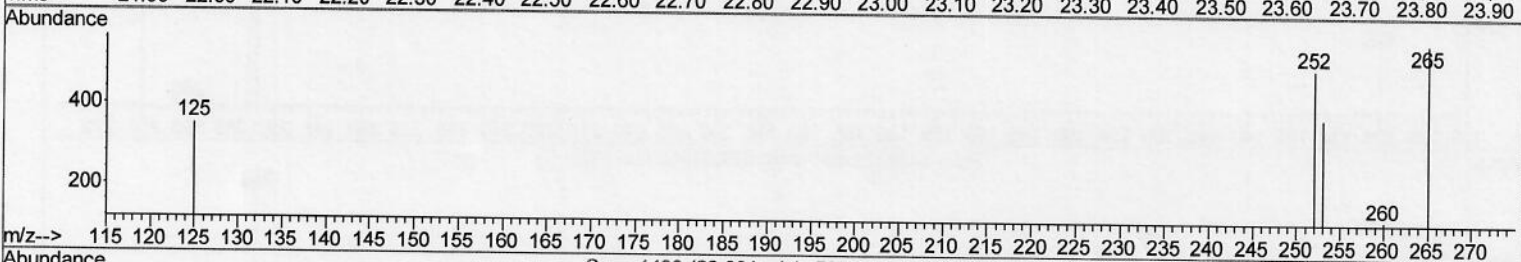
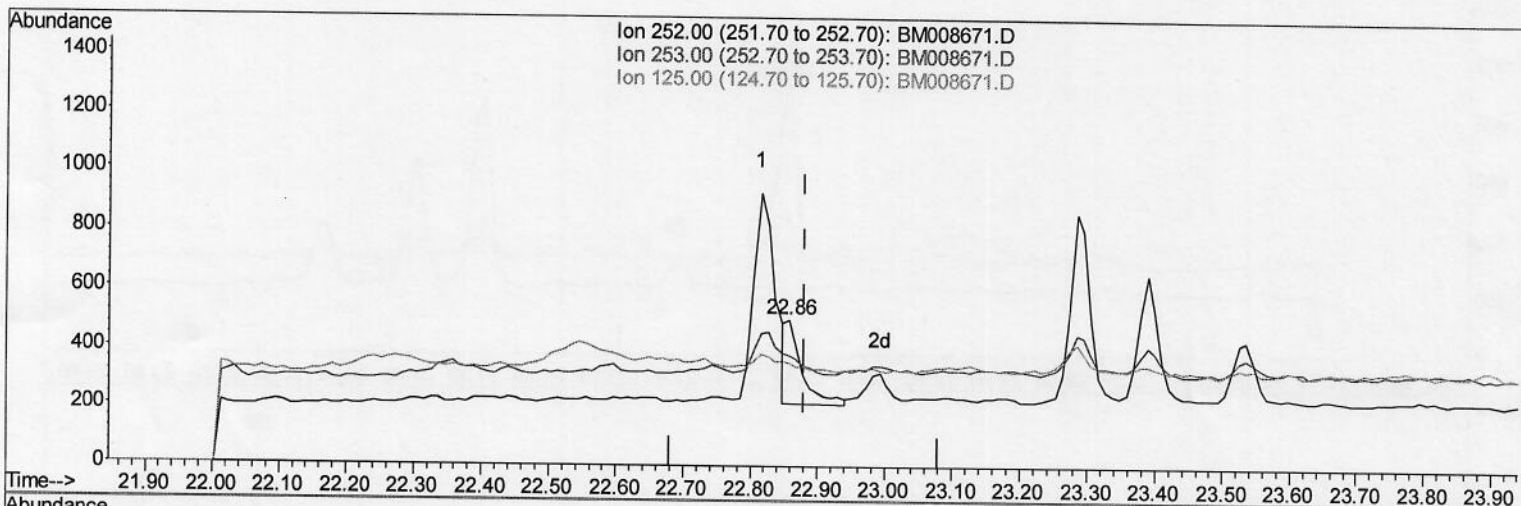
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA888DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM

Quant Time: Dec 26 03:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.857min (-0.024) 0.09ng/ul m

response 489

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	75.85#
125.00	17.10	70.26#
0.00	0.00	0.00

S.J.
 12/27/2016

TIC: BM008671.D

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM

Quant Time: Dec 26 05:38:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	301	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.51	136	1045	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	757	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1268	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1331	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1359	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	135	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	309	0.09	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	398	0.14	ng/ul#	20
5) 2-Methylnaphthalene	12.16	142	596	0.30	ng/ul	96
8) Acenaphthene	14.37	153	71	0.03	ng/ul#	75
12) Phenanthrene	17.11	178	1618	0.42	ng/ul#	90
13) Anthracene	17.21	178	247	0.07	ng/ul#	29
15) Fluoranthene	19.13	202	1141	0.24	ng/ul	75
17) Pyrene	19.50	202	1331	0.26	ng/ul#	77
18) Benzo(a)anthracene	21.24	228	780m	0.18	ng/ul	
19) Chrysene	21.29	228	1643m	0.34	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	1621m	0.30	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	489m	0.09	ng/ul	
23) Benzo(a)pyrene	23.39	252	823	0.17	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	25.73	276	951	0.16	ng/ul#	94
26) Benzo(g,h,i)perylene	26.42	276	1491	0.29	ng/ul#	74

S.S.
 12/27/2016

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA888DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:30:02 PM

Quant Time: Dec 26 05:38:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

